This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

41°30′ 107°37′30″

Compiled in 1977/1978

QUADRANGLE LOCATION

OPEN FILE REPORT 79-118

EXPLANATION

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of the coal bed. Dashed where vertical accuracy possibly not within 40 feet. Isopach interval is 100 feet (30.5 m) over

INTERBURDEN ISOPACHS - Showing thickness

DRILL HOLE - Showing thickness of over-burden, in feet, from surface to top of coal bed.

DRILL HOLE - Showing thickness of overburden, in feet, from surface to top of coal bed and thickness of interburden between

OD - Olson Draw (E1) of Lower Fort Union

ChU - Upper Cherokee (B) of Upper Fort

ChL - Lower Cherokee (C) of Upper Fort

Ch - Cherokee, of Upper Fort Union Coal

COAL BED SYMBOLS AND NAMES

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above.

COAL STRIP MINE - Hachures point toward

To convert feet to meters, multiply feet

Cherokee Mine

No. 2

upper and lower splits of coal bed.

of interburden between upper and lower splits of coal bed. Contour interval

strippable coal.

is 10 feet (3.1 m).

Coal Zone

Union Coal Zone

Union Coal Zone

Dashed where inferred.

mined area.

by 0.3048.

PLATE 9 OF 31

## PLATE 9

(DOTY MOUNTAIN 1:62 500)

SCALE 1:24 000

COAL RESOURCE OCCURRENCE MAP OF THE SEAVERSON RESERVOIR

QUADRANGLE, CARBON COUNTY, WYOMING

UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

Base from U.S. Geological Survey, 1966